Thurston County Wetlands

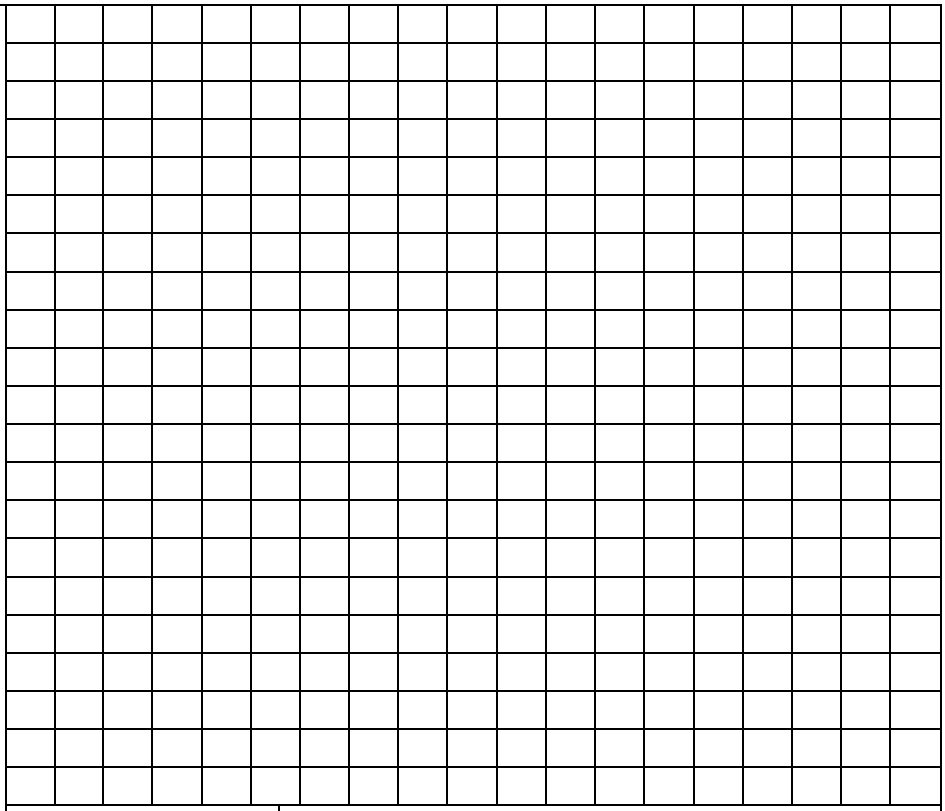
Amphibian Egg Mass Surveys

Date: ____/____ 2003	**Leader**: _____; Ph: ( ) - ; E-mail: @
Start Time: ___ : ___	**Assisting Observers**: _____; _____
Location: Site Number _____-_____	**GPS**: x: _____; y: _____
Distance/direction to nearest crossroad: _____	
Distance/direction to nearest named road: _____	
Ownership: Owner(s) _____; Ph: ( ) -	
Weather conditions: **Sun visible**? yes no **Clouds**? yes no (if yes, estimate % _____)	
Precipitation? yes no If yes, **type**: fog hail rain sleet snow **amount**: light mod heavy	
Precipitation last 24 hr? yes no	**PLEASE WRITE CLEARLY** **Survey No.**: _____

Sketch Map

Be sure to include:

1. Water margin (use line)
2. Connections to other waters (use lines):
   a. inflow(s)
   b. outflow(s)
   Flow direction (use arrow)
3. Wetland veg type (code as needed):
   a. emergents
   b. floating/subm
   c. shrubs
   d. trees
4. Upland veg type (code as needed):
   a. herbaceous
   b. shrub
   c. trees
5. Alterations (note as needed):
   a. agriculture
   b. hydrology
   c. other
6. Survey pattern:
   a. start/end point
   b. direction



7. General egg mass areas (use dotted line)

Is exotic vegetation present? yes no unknown **If yes, note species**: Brazilian waterweed Eurasian watermilfoil fragrant water lily reed canarygrass other **If other, write species**: _____ ; _____. **Indicate % of wetland that is exotic dominated:** _____ %. **If unidentifiable (unknown), bring sample in (use ziploc bag).**

Comments (include anything you think may be important): _____

_____

_____

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Amphibian Egg Mass Surveys

Date: ____/____ 2002	**Site Number**: _____-_____	**Start Time**: ___ : ___

Species with large egg masses: Count all egg masses. A numbered box is provided **for each of the 10 equal wetland sections** . Record a wetland total for each speciesl.

Species	1	2	3	4	5	6	7	8	9	10	**Total**
Northwestern salamander											
Northern red-legged frog											
Oregon spotted frog											
Western toad											

Species with small egg packets: Provide an estimate of the number of egg packets for the entire wetland. Estimate into one of three categories: few (≤ 50), moderate numbers (51-300), or many (>301). Do not attempt to identify packets at an early embryonic stage as you will not be able to effectively distinguish these two species.

Species	1	2	3	4	5	6	7	8	9	10	**Total**
Long-toed salamander											
Chorus frog											

Species with single eggs: Are rough-skinned newt eggs present? yes no

Non-egg vertebrate observations: Indicate a single whole number count (not a tally) of the following vertebrates or their life stages, if they are present. If you are uncertain of the identity of a species, put a number with a question mark next to your best guess, and describe the species or life stage of which you are uncertain in the comments spaces below each section.

Amphibians: Salamanders				Frogs and Toads					
Species	NW salamander	Long-toed salamander	Rough-skinned newt	Western toad	Chorus frog	Northern red-legged frog	Cascades frog	Oregon spotted frog	Bullfrog
CODE	**AMGR**	**AMMA**	**TAGR**	**BUBO**	**PSRE**	**RAAU**	**RACA**	**RAPR**	**RACT**
Larvae									
Juv/Adult									

Unknown Salamander:	Unknown Frog:	Unknown Amphibian:

Comments:

Birds: Bird observations are **only** of those species that may prey on amphibians or fishes. If you record a number under the category other, indicate the species in the comments space; if unknown, describe it.

American bittern ____, bald eagle ____, black-crowned night heron ____, great blue heron ____, great egret ____, green-backed heron ____, kingfisher ____, osprey ___, other ____, unknown wading bird ____

Comments:

Fish: Do **not** attempt to count fish **unless** you see very few (≤ 20). If you observe ≥ 20 fish, use a one or two-letter designator for **F**ew (≤ 50), **MO**derate (51-300), or **MA**ny (≥301) to categorize fish.

Mosquitofish ___, Sunfishes (Centrarchids: examples bluegill, bass) ____, Catfishes____, Other____

Comments:

Mammals: Note mammals (or their sign) that prey on, or influence the habitat of, amphibians and fishes.

Beaver ____, Mink ____, Muskrat ____, Nutria ____, Raccoon ____, Opossum ____, Otter____, Other___

Comments:	**Time End**: _____ : _____